

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0009931000](#)
Status: **Active**
Overview: [kk](#)
Description: 3.96mm (.156") Pitch KK® Crimp Terminal Housing, Friction Ramp, 210 Circuits, Glow Wire Compatible

Documents:

3D Model	Product Specification PS-99020-0087 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family	Crimp Housings
Series	3069
Overview	kk
Product Name	KK®

Physical

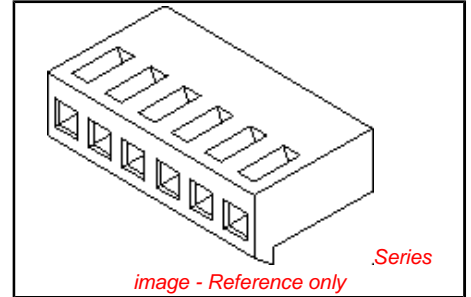
Circuits (maximum)	10
Circuits Detail	10
Color - Resin	Natural
Flammability	94V-2
Gender	Female
Glow-Wire Compliant	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.156 In
Pitch - Mating Interface (mm)	3.96 mm
Temperature Range - Operating	0°C to +75°C

Material Info

Old Part Number 3069-G10

Reference - Drawing Numbers

Product Specification	PS-99020-0087
Sales Drawing	SD-3069-GN***



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

China RoHS



Search Parts in this Series

[3069Series](#)

Mates With

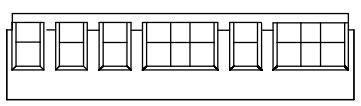
[2220](#) , [3190](#) , [3192](#) , [3243](#) , [3246](#) , [A4042](#) ,
[41661](#) , [41662](#) , [41671](#) , [41672](#) , [41681](#) ,
[41682](#) , [41701](#) , [41711](#) , [41721](#) , [41741](#) ,
[41761](#) , [41771](#) , [41772](#) , [41791](#) , [41792](#) ,
[42441](#) , [42461](#) , [42471](#) , [42491](#) , [42492](#)

Use With

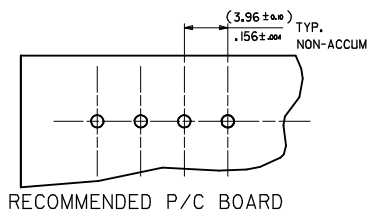
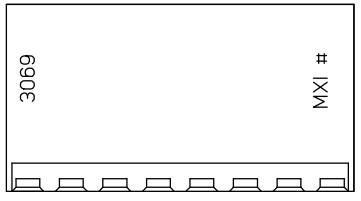
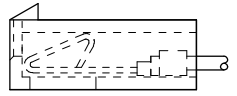
[2478](#) Crimp Terminals for 18-24 AWG, [2578](#)
 Crimp Terminals for 22-26 AWG

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

13 12 11 10 9 8 7 6 5 4 3 2 1

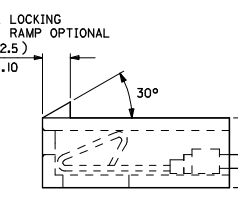
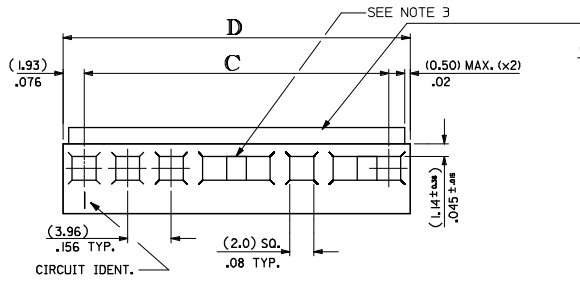


OPTIONAL WINDOW DETAIL



RECOMMENDED P/C BOARD

No. OF CCTS.	C	D	No. OF CCTS.	C	D
14	(51.51 ± .004) 2.028 ± .001	(55.37 ± .004) 2.180 ± .001	2	(3.96 ± .004) .156 ± .001	(7.82 ± .004) .308 ± .001
15	(55.47 ± .004) 2.184 ± .001	(59.33 ± .004) 2.336 ± .001	3	(7.92 ± .004) .312 ± .001	(11.79 ± .004) .464 ± .001
16	(59.44 ± .004) 2.340 ± .001	(63.30 ± .004) 2.492 ± .001	4	(11.89 ± .004) .468 ± .001	(15.75 ± .004) .620 ± .001
17	(63.40 ± .004) 2.496 ± .001	(67.26 ± .004) 2.644 ± .001	5	(15.85 ± .004) .624 ± .001	(19.71 ± .004) .776 ± .001
18	(67.36 ± .004) 2.652 ± .001	(71.22 ± .004) 2.804 ± .001	6	(19.81 ± .004) .780 ± .001	(23.67 ± .004) .932 ± .001
19	(71.32 ± .004) 2.808 ± .001	(75.18 ± .004) 2.960 ± .001	7	(23.77 ± .004) .936 ± .001	(27.64 ± .004) 1.088 ± .001
20	(75.29 ± .004) 2.964 ± .001	(79.15 ± .004) 3.116 ± .001	8	(27.74 ± .004) 1.092 ± .001	(31.60 ± .004) 1.244 ± .001
			9	(31.70 ± .004) 1.248 ± .001	(35.56 ± .004) 1.400 ± .001
			10	(35.66 ± .004) 1.404 ± .001	(39.52 ± .004) 1.556 ± .001
			11	(39.62 ± .004) 1.560 ± .001	(43.48 ± .004) 1.712 ± .001
			12	(43.59 ± .004) 1.716 ± .001	(47.45 ± .004) 1.868 ± .001
			13	(47.55 ± .004) 1.872 ± .001	(51.41 ± .004) 2.024 ± .001



- NOTES:
 1. FOR USE WITH TERMINAL No. 2478 OR 2578
 2. ASSEMBLED CONNECTOR MATES WITH (1.14)/0.045 SQUARE OR ROUND PIN.
 3. EXTENDED PIN ENTRY WINDOWS ARE POSSIBLE.

DIRECTION OF TERMINAL INSERTION.

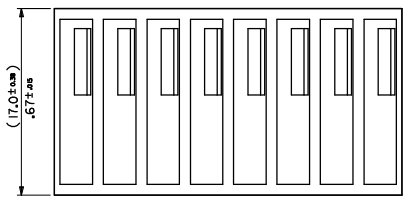
ENG. No. DESIGNATION

3069 - G N 2

G GWT (750°C) PA66 BALCK

2 INDICATES HOUSING WITHOUT RAMP
 BLANK INDICATES HOUSING WITH RAMP

NO. OF CKT'S



WORKMANAGER ERROR E.C. NO. E2008-0403 2008/01/30 DRAWN BY: BRIAN RUTTLE 2008/01/30 CHKD: 2008/01/30 APPR: BMAGUIRE 2008/01/30 REVISION DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.35 ± --- ANGULAR ± 2 °	MM/IN	4:1	METRIC	DRAWN BY: BRIAN RUTTLE 10/12/2007 CHECKED BY: DATE B. MAGUIRE 12/12/2007 APPROVED BY: DATE B. MAGUIRE 14/12/2007
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART			TITLE: HOUSING KK CONNECTOR (3.96)/0.156 CRIMP 750 GLOW WIRE VERSION MOLEX INCORPORATED
						MATERIAL NO. SD-3069-GN*** DOCUMENT NO. SHEET NO. 1 OF 2

12 11 10 9 8 7 6 5 4 3 2 1

No. OF CCTS.	ENG. No.	PART No.	LOCKING RAMP
2	3069-G02	09-93-0200	YES
	↑ -G022	↑ -94-0200	NO
3	-G03	-93-0300	YES
	-G032	-94-0300	NO
4	-G04	-93-0400	YES
	-G042	-94-0400	NO
5	-G05	-93-0500	YES
	-G052	-94-0500	NO
6	-G06	-93-0600	YES
	-G062	-94-0600	NO
7	-G07	-93-0700	YES
	-G072	-94-0700	NO
8	-G08	-93-0800	YES
	-G082	-94-0800	NO
9	-G09	-93-0900	YES
	-G092	-94-0900	NO
10	-G10	-93-1000	YES
	-G102	-94-1000	NO
11	-G11	-93-1100	YES
	-G112	-94-1100	NO
12	-G12	-93-1200	YES
	-G122	-94-1200	NO
13	-G13	-93-1300	YES
	-G132	-94-1300	NO
14	-G14	-93-1400	YES
	-G142	-94-1400	NO
15	-G15	-93-1500	YES
	-G152	-94-1500	NO
16	-G16	-93-1600	YES
	-G162	-94-1600	NO
17	-G17	-93-1700	YES
	-G172	-94-1700	NO
18	-G18	-93-1800	YES
	-G182	-94-1800	NO
19	-G19	-93-1900	YES
	-G192	-94-1900	NO
20	↓ -G20	↓ -93-2000	YES
	3069-G202	09-94-2000	NO

SEE SHEET 1
 E.C. NO: E2208-0403
 DRAWN: BRITTLE 2008/01/30
 CHKD:
 APPR: BMAGUIRE 2008/01/30
 REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .010	± .0004
3 PLACES	± .012	± .0005
2 PLACES	± 0.25	± .010
1 PLACE	± 0.35	± .014
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
 MM/IN

DRAWN BY
 BRIAN RUTTLE 10/12/2007

CHECKED BY
 B. MAGUIRE 12/12/2007

APPROVED BY
 B. MAGUIRE 14/12/2007

MATERIAL NO.
 SEE CHART

SCALE
 1:1

DESIGN UNITS
 METRIC

THIRD ANGLE PROJECTION

TITLE
 HOUSING KK CONNECTOR
 (3.96)/0.156 CRIMP
 750 GLOW WIRE VERSION

MOLEX INCORPORATED

DOCUMENT NO.
 SD-3069-GN***

SHEET NO.
 2 OF 2

SIZE
 A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION